



Mechatronics AAS to
Bachelor of Applied Arts and Sciences
Technology Concentration
Guided Pathway
Effective for the 2019-2020 Catalog



First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
CETT 1409 - DC-AC Circuits	CETT 1349 - Digital Systems
COSC 1301 - Introduction to Computing	HYDR 1345 - Hydraulics and Pneumatics
ELMT 2333 - Industrial Electronics	INTC 1341 - Principles of Automatic Control
ELPT 1221 - Introduction to Electrical Safety and Tools	RBTC 1301 - Programmable Logic Controllers
MATH 2312 - Pre-Calculus Math	RBTC 1351 - Robotic Mechanisms

Second Year – Paris Junior College

It's best to apply to Midwestern State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
ELMT 2337 - Electronic Troubleshooting, Service & Repair	ARTS 1301 - Art Appreciation
ELPT 1351 - Electrical Machines	ELPT 2355 - Programmable Logic Controllers II
ELPT 2319 - Programmable Logic Controllers I	ENTC 1349 - Reliability and Maintainability
ENGL 1301 - Composition I	GOVT 2305 - Federal Government
SPCH 1321 - Business & Professional Communication	INMT 2345 - Industrial Troubleshooting

AAS: Mechatronics

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year – Midwestern State University Bachelor of Applied Arts and Sciences
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FIRST SEMESTER	SECOND SEMESTER
°ENGL 1153 (1302) Academic Writing & Lit	°Language, Philosophy & Culture
°Life & Physical Science	°Life & Physical Science
°HIST 1133 (1301) U.S. History from 1865	°HIST 1233 (1302) U.S. History since 1865
°POLS 1333 (GOVT 2306)*	°Social & Behavioral Science
°Undergraduate Inquiry	°Cultural & Global Understanding

**Fourth Year – Midwestern State University Bachelor of Applied Arts and Sciences
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FIRST SEMESTER	SECOND SEMESTER
TECH 3103 – Safety Technology	TECH 4103 - Innovation
TECH 3113 – Quality Technology	TECH 4113 – Facilities Design
TECH 3133 – Manufacturing Technology	TECH 4123 – Energy Technology
TECH 3143 – Production Planning	TECH 4133 – Construction Technology
TECH 3153 – Project Planning	BAAS 3113, Internship or Elective Course
TECH 3163 – Supply Technology	BAAS 4113 - Capstone

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

c This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at **Midwestern State University**.

*For questions about the University portion of this pathway,
Contact the BAAS Office at [940] 397-4400 or email: baas@msutexas.edu.*